THE JOURNAL OF
LOGIC PROGRAMMING

VOLUME 39, NUMBERS 1–3, 1999

CONTENTS

Guest editors' introduction
A. Bossi and Y. Deville **1**

Automated verification of Prolog programs
B. Le Charlier, C. Leclère, S. Rossi and A. Cortesi **3**

Abstract diagnosis
M. Comini, G. Levi, M. C. Meo and G. Vitiello **43**

Termination of logic programs with delay declarations
E. Marchiori and F. Teusink **95**

Verification of logic programs
D. Pedreschi and S. Ruggieri **125**

Opium: an extendable trace analyzer for Prolog
M. Ducassé **177**

Layered modes
S. Etalle and M. Gabbrielli **225**

Author Index – Volume 39 **245**

Subject Index – Volume 39 **247**